

# CERTIFICATE

## ISO 10497 : 2022

The undersigned, *B. H. Juang* acting with the scope of the contractual requirements entrusted to Bureau Veritas, certifies that the supply:

Valve Model : Series F501  
Valve Type : 2Pcs Flanged End Ball Valve (Full Bore)  
Valve Size : 2 inch (DN 50) x 1 piece  
Pressure Rating : Class 150  
Drawing No. : Z02F80A0-1 ver.0  
Body Material : ASTM A351 CF8M  
Seat Material : PTFE  
Ball Material : ASTM A351 CF8M  
Stem Material : SS316  
Supplied by : TRANSWORLD STEEL ENTERPRISE CO., LTD.


Tested by Metal Industries Research & Development Centre (MIRDC) and witnessed by Bureau Veritas, per ISO 10497: 2022 at Lung-Tan, Taiwan. Verified in conformity with the requirements of the standard mentioned above.

Client : TRANSWORLD STEEL ENTERPRISE CO., LTD.  
No. 34, Gongye 14th Rd., Dali Dist., Taichung City 412, Taiwan (R.O.C.)

Test Date : 6 Oct, 2023  
Test Report No. : T11210004-2

Qualified Range of Valves (according to Clause 7.3 ~ 7.4 of ISO 10497: 2022)

Valve Model : Series F501  
Pressure Rating : Class 150; 300 (PN 10; 16; 25; 40)  
Valve Size : NPS 2 and below; 2 1/2; 3; 4 (DN 50 and below; 65; 80; 100)  
Body Materials : Austenitic

Etabli à / Issued at	Le / On	Signé par / Signed by	Signature / Signature
Taipei, Taiwan	1 Nov. 2023	B. H. Juang	

Certificate No. : TPI23254-4

\* This certificate must be read in conjunction with the test report No. T11210004-2 of MIRDC.

\*\* This certificate is subject to the terms of Bureau Veritas General Conditions of Service attached to the agreement signed by the applicant.

